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NASA

Fortieth Anniversary
Pioneering the Future

National Aeronautics and
Space Administration

No. 50-98 - December 11, 1998

John F. Kennedy Space Center
Kennedy Space Center, Florida 32899

Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.
All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.
Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.
URL: <http://www.lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)
Deadline for Official/Unofficial notices - Monday, 9 a.m.

O F F I C I A L

KSC BULLETIN: The deadline for the last KSC Bulletin of 1998, which will be distributed on Friday, December 18, is **9 a.m., Monday, December 14.** The deadline for the first KSC Bulletin of 1999, which will be distributed on **Friday, January 8, 1999,** is **9 a.m., Monday January 4, 1999.** (FF-S2-A)

DECEMBER HEALTH EDUCATION AND WELLNESS PROGRAM—FOOD SAFETY: The holidays are a wonderful time for family gatherings, parties, and holiday feasts. It is important to purchase, prepare, and store all your food carefully. December's program will have information on how to avoid foodborne illnesses and enjoy a safe, healthy holiday season. Packets will be available at all medical facilities and upon request to Carol Roth, CHS-005, 867-3414, email Roth-1,Carol. (JJ-C)

Facility	Dates	Status
Occupational Health Facility (OHF)	12-24-98/1-3-99	Closed
Launch Area Clinic (LAC)	Open 24-hours/day	Open
CCAS Clinic (CAC)	12-24-98/1-3-99	Closed
KSC Visitor Center Clinic (VCC)	12-25-98	Closed (JJ-C)

PARKING VIOLATIONS AT K6-1193—VAB REPEATER STATION: Employees are parking along Saturn Causeway south of K6-1193 creating a sight obstruction for traffic exiting the parking lots at the rear of the OSB. This is a violation of Florida State Statute 316.1945(1)(a)(6). All employees are reminded of the **NO PARKING WITHIN 10 FEET** restriction for fences at KSC per KHB 1610.1. Beginning on Monday, December 14, SGS Security Services will begin issuing tickets to individuals improperly parked at K6-1193. (FF-S1)

FLAGS AT HALF STAFF: The flags of the United States flew at half staff at the Kennedy Space Center on Wednesday, December 2, 1998, in honor of Mr. Robert F. Jennings, Owner/President, Sun Coast Services. Mr. Jennings died on November 29 and was buried on December 2. (FF-S1-B)

LEAVE TRANSFER RECIPIENT: Margaret Miller, GG-B-B, has been approved as a leave transfer recipient. Employees wishing to donate leave may pick up a form in Personnel, HQ, Room 1404. (GG)

LEAVE TRANSFER RECIPIENT: Nicole M. Scarborough, EC-D, has been approved as a member of the leave transfer program. Employees who wish to donate leave may pick up forms from HM-A-3, HQ, Room 1404; EC-D, HQ, Room 3531; or from their Administrative Offices. (EC-D)

TSP OPEN SEASON: TSP Open Season began November 15, 1998, and will end January 31, 1999. For those eligible to participate, if you make an election between November 15 and January 2, 1999, the action will be effective January 3, 1999. For actions received after that date, the effective date will be the beginning of the following pay period. You may choose to use either the TSP-1 Election Form **or** you may use the web site (<http://www.tsp.gov>), but DO NOT use both. If you do not have your TSP PIN Number, you may request a new one by using the web site or by calling 1-504-255-8777. (HM-A-3)

GOVERNMENT ETHICS REFRESHER TRAINING: Individuals who file Public or Confidential Financial Disclosure Reports are required to attend annual ethics training. Training for 1998 is scheduled to be held in the Training Auditorium at the times and dates specified below. Administrative Officers should coordinate with those employees identified as required attendees to assure they are scheduled to attend one of these sessions. Employees who do not file financial disclosures are also welcome to attend these sessions on a walk-in basis.

Date	Time
December 11	10:00 a.m. - 11:15 a.m.
December 15	1:30 p.m. - 2:45 p.m.
December 18	2:00 p.m. - 3:15 p.m. (AF)

FEDERAL EMPLOYEE HEALTH BENEFITS (FEHB) PROGRAM OPEN SEASON ENDS: Any eligible employee wishing to enroll or make a change must use **either** Employee Express **or** submit a Health Benefits Registration Form (SF-2809) no later than close of business, Wednesday, December 14, 1998, to the Personnel Office, Operations Branch, HQ, Room 1404, or mail to HM-A-3. (HM-A-3)

EMPLOYEE ASSISTANCE PROGRAM: All employees are reminded the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

GRAPHICS/PUBLICATIONS: Before you begin any work for publication, consult the JBOSC Graphics Department. According to the print shop, approximately three jobs per week have to be reworked because of problems with alignments, reductions, and postscript formats. By consulting with JBOSC Graphics first, you will eliminate wasted time and effort to rework your project. Graphics will ensure your artwork is produced efficiently and is suitable for reproduction. Graphics has electronic transfer capability, a proven method for first quality prints directly from the original, compared to low density reproductions from copied artwork. For information, call 867-3838. (FF-S2-A)

EMERGENCY MEDICAL ASSISTANCE: NASA has contracted with SOS International to provide emergency medical assistance for NASA Civil Service and contractor employees who are traveling overseas on official NASA business. The Occupational Health Facility (OHF) at KSC has information about this service for personnel traveling overseas. Those people traveling to the TAL sites in Spain and Africa will be provided this information by the GOMs prior to each trip. Before beginning your international travel, please contact the OHF to receive an SOS access card and access service guide. Appointments can be made at the OHF by calling 867-2025. (JJ-C)

CONFIDENTIAL FINANCIAL DISCLOSURE REPORT (OGE FORM) FILING: Those individuals reporting to a position for which there is a requirement for an initial and annual 450 filing are reminded the INITIAL filing must be completed no later than 30 days after reporting to that position. Forms are available from the Office of Chief Counsel by calling 867-2552. (AF)

EMPLOYEES PLANNING FOR RETIREMENT: To make tentative annuity computations, verify creditable service, and process an application for retirement, employees considering retirement should assure that all military and civilian service has been properly documented in their personnel records. Although dates of military service may have been previously recorded and verified, these dates should be reverified so there will be no delay in the receipt of annuity checks. Employees who have had active military service should submit to Sharon Lowry, Retirement Counselor, Personnel Office Benefits Team (HM-A-3), copies of their military discharge papers, DD 214, or other documents showing the beginning and ending dates of active service. Employees who do not ensure that all active duty military service is properly documented may experience a delay in the receipt of full annuity payments from OPM upon retirement from civil service. Contact Sharon Lowry, 867-2514, Headquarters, Room 1404. (HM-A-3)

DISPOSAL OF DISCARDED MATERIAL: All individuals are responsible for properly disposing of their excess materials (e.g., paper, boxes, metal, wood, etc.) which cannot be placed in a waste can, recycle bin, or dumpster, and should move such material outside. Waste materials are not to be left in hallways, corridors, and stairways. Disposal support must be requested via Trouble Call (867-3131) for nonmetal items that have been moved outside. KSC property, furniture, and all metal items must be excessed through the appropriate Property Office via Form 7-49. (FF-S1-A)

DISCRIMINATION COMPLAINTS: Whenever a NASA KSC employee or applicant for employment believes they have been discriminated against based on race, color, religion, sex, national origin, age, or handicap, the employee **must contact an EEO Counselor within 45 calendar days** of the incident giving rise to the complaint. An informative Equal Employment Opportunity Program poster with counselors' identities and further complaint information is on all KSC Official Bulletin Boards. EEO Counselors are trained to inform you of your rights, answer your questions, and can do limited fact finding into your allegations. Counseling is a confidential process, and only the employee can authorize a counselor to discuss his or her issues with another party. For further information, contact the KSC EO Program Office at 867-2307. (A.J)

MAIL SERVICES: Requests for mail services should be submitted through your organizational admin office or contractor mail coordinator. NASA Form 28-170, "Request for Mail Services," should be utilized for additions, deletions, or changes to existing mailcodes. Adjustments to the total number of employees serviced and standard distributions required will contribute to paper conservation. (FF-S2-A)

KSC LOCATOR UPDATES: Mailcodes, locations, and phone numbers have changed significantly due to reorganizations. Please review the monthly NASA/KSC Locator computer printout of personnel assigned to your area and update the information as required. Form 13-58, "Employee Locator Information," has been revised. Please discard revisions prior to January 1996. Form 13-58 is required for all new employees to secure status in the NASA/KSC Locator, the X.500 Personnel Directory, and for home phone number listing. (FF-S2-A)

BUSINESS REPLY LABELS: KSC Form 7-597, "Business Reply Label," is a restricted-use form available to support official mailing requirements of administrative materials back to KSC by employees while on travel status. Please note this form can only be used for mailing materials back to a KSC mailcode as printed in the appropriate space provided. Prudent use of this mailing label is encouraged to avoid unnecessary postage expenses. (FF-S2-A)

NASA INSIGNIA APPLICATIONS: Special applications (e.g., publications, signage, vehicles, certificates, etc.) for use with the NASA Insignia should be submitted to the KSC Graphics Coordinator for review and approval from the NASA Headquarters Graphics Coordinator. Upon approval, in efforts to project a consistent image, the insignia may be reproduced only from original reproduction proofs, transparencies, or computer diskettes. (FF-S2-A)

KSC LIBRARY: The KSC Archives regularly displays its collection of historical photographs for viewing by the KSC community. The display case is located between Rooms 1533 and 1537 (across from the post office) in the HQ building. The current exhibit features Apollo 8 which celebrates its 30th Anniversary this month. Further information may be obtained by calling the Library Archives at 867-2407. (FF-S2-A)

KSC LIBRARY: The following specification/standard is available in HQ, Room 1124, Library-D, or by calling 867-3613:
JSC-SE-S-0073 Change 75, 11-13-98 "Space shuttle specification fluid procurement and use control" (FF-S2-A)

KSC LIBRARY: The following documents are available for loan from the KSC Documents Library, HQ, Room 1124:

CPIA-PUB-675-Volume 1:	1998 JANNAF Propulsion Meeting
LPI-Contribution-955:	Heds-Up Mars Exploration Forum
LPI-Contribution-956:	Workshop on the Issue Martian Meteorites: Where Do We Stand and Where Are We Going?
NASA-CR-208598:	20th Space Simulation Conference: The Changing Testing Paradigm
NASA-CR-208667:	Final Report for the Liquid Motion in a Rotating Tank Experiment (LME)
NASA-MAH-11:	Together in Orbit: The Origins of International participation in the Space Station
NASA-TM-112234:	Results of Two-Stage Light-Gas Gun Development Efforts and Hypervelocity Impact Test of Advanced Thermal Protection Materials
NASA-TM-206557:	The X-33 Extended Flight Test Range
NASA-TM-206564:	X-33 Integrated Test Facility Extended Range Simulation
NASA-TM-208504:	Chemical Gas Sensors for Aeronautic and Space Applications II
NASA-TM-208697-Vol-1:	Second United States Microgravity Laboratory: One Year Report, Volume 1
NASA-TM-208714:	Implementation Plan for the NASA Center of Excellence for Structures and Materials
NASA-TM-208739:	Thermal Output of WK-Type Strain Gauges on Various Materials at Cryogenic and Elevated Temperatures
NASA-TP-206864:	Technique for Predicting the RF Field Strength Inside an Enclosure
NASA-TP-208724:	Comparison of Martian Meteorites and Martian Regolith as Shield Materials for Galactic Cosmic Rays (FF-S2-A)

COMPETITIVE PLACEMENT PLAN - JOB OPPORTUNITIES:

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
RON 7-99	Aerospace Technologists, 2 positions, GS-854-12/13 (lateral reassignment only)	NASA/KSC Civil Service Employees	12-1-98/12-14-98	VC-B2
CPP 007-99	AST, Technical Management Systems, GS-801-13/14	"	12-7-98/12-14-98	ST-A
CPP 008-99	AST, Technical Management Systems, GS-801-13/14	"	12-7-98/12-14-98	ST-H
CPP 009-99	AST, Technical Managemenet, GS-801-13/14	"	12-7-98/12-14-98	FF-I
CPP 010-99	Supervisory, AST, Flight Data Systems, GS-854-14/15	"	12-7-98/12-14-98	PK-K
STEP 1-99	Management Analyst, GS-343-5/7 (g.p. to GS-11)	"	12-7-98/12-14-98	FF-I

Applicants must submit an application (OF 612, Optional Application for Federal Employment, or the KSC Form 13-283, Short Form) for these positions. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404. (HM-A-3)

VACANCIES AT OTHER NASA CENTERS:

Annct. No.	Position & Grade	Open/Close Date	Location
*CPP 99-10AJ	Computer Engineer, AST, Data Systems, GS-854-13/14	11-30-98/12-18-98	NASA/LaRC

*This position is open to all NASA employees with Career or Career Conditional Appointments and to former Federal Employees who have reinstatement eligibility. (HM-A-3)

AUTHENTICATED:

Audrey Lee Silipo, Center Services (FF-S2-A)

TOTAL QUALITY INCLUDES NO FIRES.

UNOFFICIAL

CAFETERIA MENU FOR WEEK OF DECEMBER 14 THROUGH DECEMBER 18

*MONDAY Chicken Vegetable Soup HEALTHY FARE- Tricolor Pasta w/Marinara Sauce Chicken ala King o/Rice Hot Deli Sandwich- Roast Beef	*TUESDAY Cream of Potato Soup Tuna Noodle Casserole Hot Deli Sandwich- Baked Ham	*WEDNESDAY Minestrone Soup Swiss Steak Chicken Fingers Hot Deli Sandwich- Corned Beef	*THURSDAY Black Bean Soup HEALTHY FARE- Chicken & Noodle Paprikash Meatloaf Hot Deli Sandwich- Roast Turkey	*FRIDAY New England Clam Chowder Fried Tilapia w/2 Hushpuppies HEALTHY FARE- Baked Tilapia w/2 Hushpuppies Eggplant Parmesan w/Spaghetti Hot Deli Sandwich- Roast Pork
*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily - bowl \$1/cup .55. Vegetable plate available daily—three vegetables for \$2.10. Each Wednesday and Friday a "Cook's Special of the Day" is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.				
*CHRISTMAS SPECIAL: Choice of one: Roast Steamship Round Au Jus, Herb Roasted Half of Chicken; choice of two: Whole Baby Carrots, Green Bean Casserole, Oven Browned Potatoes, Rice Pilaf; Dinner Roll and Butter, any 8 ounce Beverage, \$4.50 tax included. Ala Carte Pricing: Roast Steamship Round Au Jus, \$2.75; Herb Roasted Half of Chicken, \$2.75. Seasonal Pies and Tossed Salads available separately.				

NASA EXCHANGE: Play Ball! I know it's not spring yet, but stop by our store and check out our Baseballs. These genuine baseballs have space related pictures with Kennedy Space Center stamped on them—a Great gift for the baseball enthusiast. Now that the last launch for 1998 is over and none are scheduled for a while, you think your fun is over? Come in and look at our **Go For Launch** game. Get the same feeling as an actual launch as you answer questions to be the first to launch the Shuttle! Just a reminder, nine NASA Exchange shopping days left until Christmas!

KSC EXCHANGE SERVICE STATION: Lube, oil, and filter—just \$18.95, includes up to 5 quarts of oil, check fluid levels, tires and pressure, belts, hoses, alternator, and battery, and a visual safety check. For appointment, call 453-1254. Towing services are available. Self-service gas pumps open Monday through Friday, 6:30 a.m. to 5:30 p.m. We accept Citgo and all major credit cards.

KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS: Repos located at the Merritt Island office. 1997 Ford Ranger, \$10,750; 1995 Dodge Ram Van 2500, \$15,100; 1993 Mercury Tracer S/W, \$4000; 1994 Nissan Altima SE, \$9000; 1996 Pontiac Grand Prix, \$11,200; 1994 Pontiac Trans Sport SE van, V6, \$8500; 1992 Ford Ranger, \$5000; 1993 Mitsubishi Van Expo Sport, \$7995; 1990 Chevy C1500, 5-speed, \$6500. Call: 455-9400, ext. 251.



SECURITY AMBULANCE FIRE
911 7-7911 1-7911

FEDERALLY EMPLOYED WOMEN (FEW): “Expand Your Horizon—Invest in the Future” is an exceptional day of training especially designed to help deal with the challenges that lie ahead. It is sponsored by the Space Coast Chapter of Federally Employed Women on Wednesday, February 10, 1999, with an encore presentation on Thursday, February 11, 1999. Sessions will be held at the Radisson Resort at the Port, Cape Canaveral. Registration begins at 8 a.m. Cost is \$65. Contact your training coordinator for further information.

KSC/CCAS BADGED EMPLOYEES: Holiday Discount Days—Kennedy Space Center Visitor Complex “The Space Shop” November 27 - December 18. Bring your I.D.—25% off.

KSC FITNESS CENTER—FIGHT THE HOLIDAYS: KSC Fitness Centers would like to help you FIGHT THE HOLIDAYS! This incentive program will run from November 23 through January 4 with tasks to help you stay healthy and motivated through the holiday season. Packets are available at both Fitness Centers or call for more information, O&C 867-7829, or OSB 861-3028.

FEDERAL WOMEN'S PROGRAM WORKING GROUP: The FWPWG presents "Multicultural Holiday Traditions" a holiday brown bag luncheon in HQ, Room 2201, December 15, 11:30 a.m. - 12:30 p.m. Employees are invited to attend.

BREVARD COMMUNITY COLLEGE—LOGISTICS CERTIFICATE PROGRAM: BCC will conduct a Logistics Certificate Program. The tuition is \$42 per class and one credit hour is awarded for each. Classes are open to all KSC/CCAS organizations. Logistics Project Management will be offered January 12, 1999; Maintenance and Supportability Planning on February 2, 1999; and Logistics Support Analysis (LSA) and Implementation on March 2, 1999—classes will be held for one day, 8:00 a.m. - 4:30 p.m. Call 449-5046 for information and registration.

BREVARD COMMUNITY COLLEGE: Registration for BCC's 1999 Spring Term is currently open. Registration is accepted by phone at 449-5046 or in person at the KSC office, NETC, Room 119G. The term begins January 5, 1999. Classes being offered on KSC include Computer Programming (C++ and Java), Network Technologies, Web Page Design, Pre-Calculus Math, and Astronomy.

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY: ERAU will be offering a Master of Science in Industrial Optimization Degree Program onsite at KSC beginning January 1999. The 2-year program is designed to assist scientists and engineers in developing optimization and statistical quality improvement skills for product design and process improvement. The courses will be taught one-at-a-time in a 9-week term format. This practical program will use aerospace case studies and emphasize computer applications. For more information and a schedule of classes, send an email message to patrick_center@cts.db.erau.edu or contact Lynn Grant, Patrick Center Director, at 799-4844.

FLORIDA INSTITUTE OF TECHNOLOGY: Applications for Florida Tech's Spring 1999 term are being accepted at the NASA Education and Training Center, corner of 2nd Street and B Avenue (Industrial Area). Registration began November 23 with classes starting the week of January 11. Florida Tech offers a variety of master's degree programs, e.g., Master of Science in Computer Information Systems, Space Systems, Management, Acquisition and Contract Management. To obtain a catalog or schedule, call 453-2030 or 784-2045.

FLORIDA SPACE INSTITUTE SPRING 1999 COURSE SCHEDULE: Florida Space Institute's (FSI) Educational Division is offering courses at **KSC** and Cape Canaveral Air Station (CCAS) for the Spring 1999 term. Graduate courses offered are Remote Sensing and Advanced Engineering Mathematics. The Undergraduate selection includes Telemetry Communications, Launch Processing, Aerospace Materials, Shuttle Processing, and Space Science and Technology scheduled to be taught by former astronaut Dr. Sam Durrance. The Educational Division participants include: Brevard Community College, Broward Community College, Embry Riddle Aeronautical University, Florida Tech, and the University of Central Florida. FSI's Educational Division was chartered to provide students a “hands-on” approach in the Space Technology field. For further information on FSI courses, please call Cassie Spears at 730-2603.

UNIVERSITY OF CENTRAL FLORIDA REGISTRATION ANNOUNCEMENT: UCF will offer Graduate Engineering and Undergraduate Engineering Technology taped courses through the Florida Engineering Education Delivery System (FEEDS) at Cape Canaveral Air Station (CCAS) for the Spring 1999 semester. Spring term begins January 6 and runs through April 26. Registration will be conducted on December 14, from 8:00 a.m. - 5:30 p.m. in Room 123, Building AM (north entrance), situated on the west side of Hangar Road at CCAS. All classes will be held in Building AM and are open to **employees of KSC** and CCAS. For further information, please contact Cassie Spears at 730-2603.

WARNER SOUTHERN COLLEGE: You'd like to finish college, but can't afford to take off from your job. That's why Warner offers convenient evening and weekend courses you can tailor to fit your schedule. If you already have your Associate Degree or at least 60 transferable credits, you can earn your Bachelor of Arts degree at Warner in 12 to 20 months. One of our eight statewide sites is near you, so call Warner today and ask about finishing college on your terms—1-800-309-9563.

PERSONALITY PREFERENCE TESTING: Robin Lusardi of our CTAP office is certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. She will also meet with work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. To take advantage of this opportunity, call Robin at CTAP, 867-4350.

CTAP: The Career Transition Assistance Program is available to assist the KSC NASA employee. Support areas include resume writing, interviewing, job search activities, starting your own business, consulting, and many other self-help programs designed to assist you. We also have a reference area with many key publications and a computer lab loaded with special software and direct links to the “net.” Co-located as part of the CTAP team is an Employment Specialist from the Florida Department of Labor who can assist in using the computerized Florida Job Information System. CTAP is located in HQ, Room 1355, 7:00 a.m. to 3:30 p.m. You may also reach us through the NASA KSC homepage (see: PERSONNEL/CTAP). Whether you are interested in individual counseling, dynamic workshops, or “surfing on your own,” CTAP can help! Call our office at 867-4350 today for further information.



PERSONAL
LOST & FOUND
Found: Writing pen, personal design, found between OSB & trailers, off Saturn Causeway, Donnan, 867-2029.

CARPOOLS
Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.
Vanpool seats: N. Melbourne/Eau Gallie via U.S. 1 to KSC Industrial Area, 7:30-4:00, Don, 867-4634.
Vanpool seats: Palm Bay/Melbourne/Viera to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-3898/984-3861.
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.
Vanpool seats: Rockledge/Cocoa Areas to KSC, 6:45-3:30, home pickup possible, Richard, 867-2380/639-2974.
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.
Vanpool seats: Orlando/Weston Square/Hwy. 50/Tiffanys/Builders Square to LC-39/Logistics/Industrial/CIF/HQ, 7:00-3:30, Cater, 867-4457/894-3068.
Vanpool seats: Orlando/Fashion 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.
Vanpool seats: West 50 & Hiawassee/Alafaya to KSC Headquarters Area/CCAS, 7:00-3:45, Earl, 853-4656.
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-6010/365-0586.
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.
Carpool: E. Colonial/Alafaya to VAB/OSB/HQ/O&C Areas, 8:00-4:30, Kim, 867-3911/380-8787.
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.
Ride needed/form carpool: Rockledge, Levitt Park to VAB Area, 7:00-3:30, non-smoking, Betty, 867-2326/636-3175.
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.

GARAGE SALE
Garage sale: December 12, 8-1, Cocoa Beach, 51 Cedar Avenue.
Garage sale: December 11-12, 9-5, Merritt Island, 2130 Porpoise Street, entertainment center, kitchen items, computer parts, clothing, albums, 453-2590.
Garage sale: December 11-12, 8-1, Merritt Island, 545 Parkside Avenue, household, golf, miscellaneous items, Follick, 453-6856.
Garage sale: December 12, 8-4, Titusville, 2833 Winstread Drive, toys, clothing, miscellaneous items, Sieber, 264-2977.
Garage sale: December 12, Titusville, 7826 Windover Way, furniture, toys, Bailey, 269-5461.

REAL ESTATE FOR SALE
House: Melbourne, 3-B/R, 2-bath, new carpet, garage, screened porch, needs roof repair, \$80,000, Banks, 449-4623.
House: Merritt Island, 1215 Mercedes Drive, Twin Rivers, 4-B/R, 3-bath, 3-car garage, brick front, 2500 sq. ft., screened pool, privacy fence, 452-3797.
House: Merritt Island, 3-B/R, 2-bath, 2-car garage, split plan, new carpet/paint, block/stucco, \$84,000, Esposito, 454-3894.
House: Merritt Island, 3-B/R, 2-bath, deep water canal, 2 1/2-car garage, covered boat lift, sprinkler system, Sea Ray boat available, \$119,500, 449-8849.
House: Oviedo, 3-B/R, 2-bath, split plan, family/living/formal dining room, fireplace, screened porch, large lot, fenced, upgrades, \$118,000, 366-0614.
Cabin: Mt. Rest, South Carolina, 5 acres, rustic cabin, stream, hardwoods, \$60,000, Rose, 561-388-5777.
Lot: N. Merritt Island, 1.0 acre, buildable, high/dry, cleared, borders large lake, mature oak & palm trees, \$34,500/B.O., Pyle, 633-0000.
Lot: Titusville, Windover Farms, 1.03 acres, Parrott, \$15,900, 676-0250.

AUTOMOBILES & RV'S FOR SALE

1978 Chevy Van 20, new paint, customized, new tires & brakes, 45,000 miles on engine, \$4000, Grier, 267-6447.
1984 Honda Accord, 4-door, 5-speed, P/W, runs good, needs minor work, \$350, Quinn, 383-7575, after 5 p.m.
1984 Buick LeSabre, 4-door, 80,000 miles, needs A/C work & headliner, \$800/B.O., Rose, 454-4804.
1988 Ford F-150XL, V8, A/C, A/T, P/S, P/W, mag wheels, topper, \$5500/B.O., 267-6767, after 4 p.m.
1988 Chevy Cavalier Z24, digital instruments, sunroof, tinted windows, CD, custom wheels & tires, body good, needs engine work, \$1000/B.O., 269-3423.
1989 Nissan Pathfinder SE, 4wd, V6, A/C, A/T, loaded, \$5250, 631-3740.
1989 Toyota Cressida, A/C, P/S, P/S, CD, sunroof, all options, climate control, alloy wheels, \$4500/B.O., Fred, 459-3667.
1990 Honda Accord LX, 4-door, A/T, P/W, P/D, excellent condition, \$4300, Jones, 268-1489.
1990 Toyota Corolla, cold A/C, runs good, \$450, Thompson, 636-5959.
1991 Corvette convertible, 35,000 miles, excellent condition, \$19,500/B.O.; 1992 Pontiac Grand Am GT, fully loaded, \$6000/B.O., Dover, 452-1121.
1991 Pontiac Firebird, V6, T-tops, P/W, P/L, AM/FM radio, \$4500/B.O., Heather, 452-4111, leave message.
1992 Lincoln Town Car, Cartier, tan, full power, garaged, extra nice, \$11,900, Eggert, 725-0754.
1992 Acura Integra GS, 4-door, A/T, loaded, 93,000 miles, black, excellent condition, \$7500/B.O., John, 453-6164, leave message.
1992 Isuzu pickup, 4-cylinder, standard, security system, tinted windows, bedliner, no rust, excellent condition, \$3300, Anderson, 639-0231.
1993 Toyota Paseo, 5-speed, tinted windows, new brakes, \$4000/B.O., Ford, 672-9001.
1993 Bonneville SXE, 3.8, super charged engine, fully loaded, 66,000 miles, \$10,250, Sapp, 633-7075.
1993 Nissan Quest XE, P/W, P/D, C/C, rear A/C, stereo/cassette, luggage rack, excellent condition, \$9500, Estes, 268-4831.
1994 Dodge Ram 1500 shortbed pickup, V6, A/C, A/T, forest green, Reece hitch, aluminum tool box, \$9995, Ramsey, 452-8305.
1995 Ford Aerostar XLT van, A/C, A/T, tilt, C/C, P/S, P/B, cassette radio, roof rack, \$11,000, Fallat, 639-4280.
1996 Camaro Z28, T-tops, 4-speed, A/T, alarm, keyless remote, super CD, under 35,000 miles, excellent condition, \$14,800, Schehl, 264-1160, after 5.
Skamper slide-in truck camper, 13' long, 6'-4" high open, refrigerator, stove, excellent condition, \$1500/B.O., Myers, 459-3631.

HOUSEHOLD FURNISHINGS FOR SALE

Oak/glass/brass bookshelf, 6'h, 5-shelves, \$70; 7-piece wicker patio table, 4 chairs, 2 loungers (PVC), all matching, \$200, Roten, 454-9105.
Queen oak waterbed w/illuminated headboard, \$200, Dan, 609-1006.
Antique oak dining table, 45" square, 3 leaves, \$300, 632-1713.
Antique secretary desk w/curio sides, \$325; double bookcase headboard & frame, \$25, Clark, 267-6713.
PVC patio table, chairs, lounge, beige & cream, \$300; swivel counter stools, solid oak, natural, 2 total, \$90/each, Len, 952-7132.
Sectional, \$850; Cherry coffee table, \$200; Cherry entertainment center, \$500, all like new, high quality, Kruse, 453-5053.
Queen mattress & box springs, very clean, \$99; refrigerator, \$100; lawnmower, \$55, Hall, 639-0969.
Wooden table w/leaf, black lacquer top, 4 foldable chairs, compact, \$200/B.O., Isolda, 383-1076.
Dark Mahogany china cabinet, 72"x42"x18", lighted, glass lattice doors on top section, \$100, Hauser, 452-0376.
Living room sofa & loveseat, floral design, \$300; twin bed frame, headboard & footboard, \$25, Wratchford, 636-4678.
Dining room double leaf table, 6 chairs, china cabinet, server, elegant, \$4000, White, 267-1699, leave message.

APPLIANCES FOR SALE

G.E. dryer, gold, like new, \$120, Gladys, 452-2382.
Washer & dryer, excellent condition, \$25, Estes, 268-4831.
G. E. refrigerator, no-frost, side-by-side, 24 cu. ft., water & ice in door, works great, \$225/B.O., Johnson, 453-5149.
Sears Kenmore washing machine, needs timer, \$50, Quinn, 383-7575, after 5 p.m.

MOTORCYCLES & EQUIPMENT FOR SALE

1979 ZY-100 dirt bike, B.O., Wratchford, 636-4678.
1994 Honda XR-250 Enduro w/280 kit, lights, excellent condition, \$2150, Parish, 267-8212.
Honda XL-75 small motorcycle, nearly new, less than 1,000 miles, \$1150, Walls, 268-4358.
Mini bike, 1-year old, like new, \$625, Sisko, 383-1648.

BOATS & EQUIPMENT FOR SALE

9' Seaworthy inflatable, 9.9 Nissan outboard, \$1195/B.O.; Ritchie SP-5 Globemaster compass, stainless steel housing, cover, \$275/B.O., 783-4818.
16' V-hull, aluminum, swivel seat, 3.5 h.p. Gamefisher, galvanized trailer, winch, \$1200, LacKore, 453-0677.
16 1/2' tri-hull, 1987 50 h.p. Johnson, galvanized trailer, Coast Guard equipment, new battery, gas can, excellent condition, \$1450/B.O., Dan, 609-1006.
17' JC Craft, 1986 Evinrude, 150 h.p. motor, skis, ski vests, \$2800, Linda, 633-5217, leave message.
17' aluminum canoe, \$200, Clark, 267-6713.
20' Mako, 200 h.p. Suzuki, outriggers, downrigger, electronics, trailer, \$7500/B.O., Osborn, 633-1423.
1986 Winner, 140 h.p. Evinrude, runs good, good trailer, extras, Barrett, 268-5427.
1988 Sea Ray Laguna, 20', 175 h.p. Mercury, custom Bimini, electronics, Rupp outriggers, low hours, aluminum tandem trailer, \$12,500/B.O., 453-7328.
1995 SPX, trailer, \$3000/B.O.; 1994 Wave Blaster, \$2500/B.O., plus gear, \$5000/both, William, 452-9709.
1998 7.4 liter freshwater cooled Mercruiser marine engine, ready to install, \$5000 w/gear, \$4000 w/o gear, Rose, 454-4804.
Mercury props, 14" x 19 degree, stainless steel, R & L pair, \$200, 783-0808.

MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Kirby vacuum w/attachments, \$90, 783-0808.
Whistler Spectrum 1 radar detector, \$35/B.O., 783-4818.
External SCSI 640 Mb Magneto optical drive w/extra cartridges, \$300; Adaptec SCSI adapter for laptop, \$60, Bruce, 459-0232.
Necchi sewing machine, new, never used, \$100, Wilson, 773-3032.
Universal sewing machine, solid wood cabinet w/drawers, \$75/firm, Johnson, 453-3834.
486SX 33 computer w/monitor, keyboard, Panasonic KX-P1124i printer, \$400/all; Canon BJC-610 color printer, needs print head, \$125, Nolan, 631-1239.
Snappy computer capture device, captures stills from video, \$75; Sears portable sewing machine, needs adjustments, \$35, Sisko, 383-1648.
49" Projection TV, solid oak cabinet w/folding doors, \$500, Thomas, 269-8753.
10-piece drum set: bass drum, 3 toms, top hat, 4 symbols, seat, \$375; Yamaha PSR37 full sized keyboard with MIDI, \$50, Thompson, 636-5959.
Cervin Vega, Model PR-1 Preampfier, \$100; 2 Klipsch Hersey type HIP speakers, \$400/each; Harman Kardon ST-8 turntable, \$400, 452-6174.
486 computer, monitor, printer, \$350/B.O., Quinn, 383-7575, after 5 p.m.
486 computer, 15" monitor, keyboard, 33 MHz, 8 Mb ram, Windows 3.1, 121 Mb H/D, fax modem, \$250, 383-1076.
Texas Instruments 4000E laptop, active color Matrix, 486 DX2-50, 8 Mb Ram, 200 Mb H/D, 1.44 Mb FDD, 14.4 fax/modem, \$400/B.O., 690-0778.
Super Nintendo, \$50; Game Advantage controller, \$20; games, \$5 to \$15 each, Wratchford, 636-4678.
Macintosh Quadra computer, CD ROM drive, 15" color monitor, HP 550C color inkjet printer, \$250/B.O., Sparks, 568-3778.
Gateway 2000 386 SX 25, 480 me H/D, 15" monitor, \$200/B.O., Dan, 609-1006.
Sony 5 disc CD player w/remote control, excellent condition, \$75, Plaza, 365-9185.
2 each 16 Mb Micron 60NS Simms, new, \$45; full AT tower case w/PS, \$45; 2 each 386, 40 Mb w/memory, \$25/each; CD player, \$40, Brown, 453-2590.
Everex P133 laptop computer, 16 meg ram, 10X CD ROM, 3 1/2" drive, 1.4 GB H/D, new, only used 2 times, \$1000/B.O., Esposito, 454-3894.

MISCELLANEOUS FOR SALE

Water skis, new, in box, never used, \$95/B.O., Pyle, 633-0000.
Little girl's pageant dress, size 2, pink w/lace, pearls, sequins, \$45, Dean, 453-4803.
HO 4x4 train board w/folding legs, 6 locos, too many extras to list, \$250, Taylor, 383-4606.
Simpson Pressure washer, 1000 psi, 6 h.p. gas motor, 50' new hose, \$120, 783-0808.
650 Holley, spread bore Mech secondary model 4175, Lenan, 452-9709.
Commercial air hockey table, \$500; 1976 Corvette hood, \$75, Stephan, 452-6809.
Weslo Cardioglide, used very little, \$75/B.O., McDanel, 639-6110.
Burley duet tandem bicycle, 1997, 700 miles, burgundy, computer, bottle cages, drum brake, \$1750/B.O., Kim, 904-760-6614.
NordicTrack Pro w/monitor, \$150; large dorm refrigerator, \$100, Hall, 452-3515.
Sears dehumidifier, 40 quart capacity/24 hours, like new; surfing/diving wetsuit top, medium, neoprene/lycra, \$30/B.O., 783-4818.
2 Clubhouse tickets, Bayhill Invitational Golf Tournament, \$50/each, McCarthy, 452-3026.
Sears air compressor, 2 h.p., 20 gallon tank on wheels, hose, instruction book, \$150, Frank, 267-5726.
Diamond wedding set, 1 carat, center stone G color, all diamonds VS2, marquise w/6 round, 8 baguette, \$1000, Pope, 633-4727.
Little Tykes log cabin, excellent condition, \$150, Estes, 268-4831.
Tent, 10'x16', excellent condition, \$135, Wilson, 267-8332.
NuAir double paned sliding glass doors: 78"x96", 78"x144", \$200 to \$300; windows: 56"x52", 56"x64", 28"x52", 28"x64", 38"x38", \$35 to \$75, 452-0633.
Shower wheelchair, \$75; Hoyer lift, \$150, Nolan, 631-1239.
Avon bottles, approximately 65 total, \$160/all, will sell separate; 2 Avon steins, 1976 & 1977, \$40/each, 268-8241.
Radio controlled car w/equipment, \$100; Stingray paintball gun, \$75, Sisko, 383-1648.
Weight bench set, \$35; DP exercise bicycle, \$40; motorized programmable treadmill, \$70, Taylor, 453-4856, after 5 p.m.
Lawnmower, 4 h.p., 21" cut, \$25, Joe, 452-2757.
General Hospital scrapbook, hardcover, new, \$20, 269-2362, after 6 p.m.
Boy's 24" Schwinn 12-speed bicycle, B.O.; men's 26" 10-speed bicycle, B.O.; Cardiofit Plus exercise machine, B.O., Robert, 633-4969.
Tasco Red Dot #3 scope, new, in box, magazines, cases, accessories, John, 799-3972.
Swimming pool Creepy Crawly cleaning system, \$150/B.O., Bishop, 269-4673.
Golf clubs: Hogan Irons, 2-PW, \$75; Hogan woods, Taylor made irons, bag, \$150/set, Quinn, 383-7575, after 5 p.m.
Crutches, 1 pair, \$15; dash cover for VW Passat, \$10, 383-1076.
Disk brakes from 1977 Camaro, spindles, calipers, rotors, booster, proportioning valve, \$40, Lackore, 453-0677.
Barbie dream house w/working elevator, like new, \$50; Fisher Price remote controlled race track, 2 cars, 2 remotes, very good condition, \$20, 690-0778.
Electric treadmill, auto incline, heart monitor, like new, \$175; child's bench press w/weights, \$15/B.O., Wratchford, 636-4678.
1986 Ford Thunderbird rally rims/caps, 4 total, \$10, Dan, 639-0382.
Industrial SST cookware, 21 piece, new, in box, lifetime warranty, \$675, Dan, 609-1006.
Proform treadmill, 10 mph, power incline, calorie/pulse monitor, \$190, Keeney, 784-3386.
DP weightbench, good condition, \$15/firm, 453-9690.
Surfboards: 6'-8" x 18 1/2" Quiet Flight round pin; 6'-1" Split Lip fish shaped swallow tail, excellent condition, \$225/each, Shaw, 779-4893.

MISCELLANEOUS WANTED

Hooked on Phonics Learn to Read, good condition, Dean, 453-4803.
Boat trailer, 18'-20', float-on, 783-0808.
Dirt bike, 80-100 cc; dirt bike, 125-250 cc, Osborn, 633-1423.
Spartacus CD by Triumphant, Jeff, 690-1773.
Drawtite trailer hitch for 1996 Quest/Villager, Frank, 267-5726.
Two tickets, Vince Gill concert, King Center, December 17, Glover, 633-7699.

FOR SALE OR TRADE

Troybilt tiller, electric start, like new, \$1500/trade for small boat, Rose, 561-388-5777.



KSC Recycles